# Chapter 15 – V software

(see V-software.xlsx)

## 15.1 vorum

This is an open-source blogging/forum software written in [V](https://github.com/vlang/v). Its source code can be found here: <https://github.com/vlang/vorum>

The Postgress SQL-server and libpq must be installed.

It works with a Postgress database named *vorum*.

Installation:

git clone https://github.com/vlang/vorum

cd vorum

v .

./vorum

Running vorum on http://localhost:8092...

On Windows (Nov 28):

C:\Users\CVO\AppData\Local\Temp\v\vorum.tmp.c:198:10: fatal error: libpq-fe.h: No such file or directory

#include <libpq-fe.h>

^~~~~~~~~~~~

compilation terminated. 🡨 libpq not installed

On Linux(Nov 28): libpq is installed

Another compilation error happened.

## 15.2 V-OS – The V operating system

<https://github.com/vlang/vos>

An operating system written in V.

Planned features:

* Unix-like microkernel
* V is the primary language
* Compiles in <1 second
* Limited POSIX compatibility
* Running software written in C
* Stable syscall API
* x64
* ELF binary format
* Official GUI toolkit in V UI
* pacman package manager

?? freestanding? See § 3.9